



Rocket SystemBuilder Extensible Architecture

New Features Guide

Version 6.4.0

December 2015
SBX-640-NF-01

New features in v6.4.0

This section summarizes the significant changes and updates for Rocket SystemBuilder Extensible Architecture. If you are familiar with previous releases of SB/XA, and you want to know the new features and enhancements for newer versions, you can use this section to assist you.

New form cache

SB/XA now caches forms by default when you open them. If you close a form and then reopen it during the same session, the form is displayed more quickly, because it is being redisplayed from cache rather than created anew.

The default size of the form cache is 25 forms, and you can alter the size with the **Size of Form Cache** flag in user flags (/USER.FLAGS). You can disable form cache altogether with the **Enable Form Cache** flag on the XUI Parms tab of SB+ Control Parameters. You also can prevent specific forms from being cached with a flag in the screen designer.

For more information, see the Enable Form Cache documentation in “XUI Parms tab” in *Administering SB/XA*.

XUI grid paging

A new XUI Grid Paging flag, found in user security setup, user flags, and in the screen designer, allows you to improve the speed of grid load, and by extension, form load. When you set this flag, you cause SB/XA to download only a portion of the data in a grid when you open a form that contains the grid. The rest of the data in the grid is downloaded only when you begin navigating down through the grid.

For more information, see “The XUI Flags tab” in *Administering SB/XA*.

XPS download pages

With an enhancement in v6.4.0, you can increase the speed of reports download by sending multiple pages to the client at once. Use the new **XPS Download Pages** flag to determine the number of pages downloaded at a time in Report Definition reports and with TU.SEND.TO.PRINTER.

For more information, see the **XPS Download Pages** documentation in “XUI Parms tab” in the *Administering SB/XA* manual.

New SYS call options

You can increase the speed of some SYS calls with an enhancement in v6.4.0. Using new Suppress options 5, 6, and 7 with your SYS call, you can prevent refreshing of the top-level menu during system changes, thus increasing the speed of the system switch.

For more information, see “SYS,newsysid,Supr” in the *SB/XA Application Server Reference Manual*.

SB Support Account

The SB Support Account, evolved from the old Issue Replication System, was added for general availability in v6.4.0. The SB Support Account helps you to solve problems in your applications in two key ways: it automates much of the work of packaging a test case, and it also automates the work of comparing crucial parameter files between a system with a problem and another system.

The SB Support Account also gives you a series of utilities to test the performance of various elements of your application. You also can use miscellaneous utilities in the SB Support Account to overcome common challenges in maintaining and upgrading your application.

For extensive documentation of these features, see "Appendix H: SB Support Account" in *Administering SB/XA*.

Sharing form information between systems

With an enhancement in v6.4.0, you can opt to share form position, size, and zoom between systems. On the XUI ParmS tab of SB+ Control Parameters, set the value in the new **Share Form Positions between Systems** flag to Yes to enable this functionality.

When enabled, the flag means that if you change the size, position, or zoom of a form in one system, those changes apply when you close the form and subsequently open it again in another system. The default setting for this flag is No.

For more information, see the **Share Form Positions between Systems** documentation in "XUI ParmS tab" in the *Administering SB/XA* manual.

LogViewer enhancements

Four enhancements were made to the LogViewer at v6.4.0:

- A new text filter allows you to display only lines of interest.
- New Copy to clipboard functionality allows you to transfer data from LogViewer to the clipboard with tab-separated columns so that it can be used in further analysis in another program.
- A new Timing column shows the time between messages.
- A new option allows you to display only time, and not date.

Notices

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